

FIGURE 93

></usr/seqdb2/sst/DNA/Dnaseqs.min/ss.DNA54002

><subunit 1 of 1, 544 aa, 1 stop

><MW: 60268, pI: 9.53, NX(S/T): 3

MLLPLLLSSLLGGSQAMDGRFWIRVQESVMVPEGLCISVPCSFSYPRQDWTGSTPAYGYWFK
AVTETTKGAPVATNHQSREVE MSTRG RFQLTGDPAGKNC SLVIRDAQMQDESQYFFRVERGS
YVTYNFMNDGFFLKVTVLSTPRPDHNTDLTCHVD FSRKGVSAQRTVRLRVAYAPRDLVIS
ISRDNTPALEPQPQGNVPYLEAQKGQFLRLLLCAADSQPPATLSWVLQNRVLSSSHPWGPRPL
GLELPGVKAGDSGRYTCRAENRLGSQQRALDLSVQYPPENLRVMVSQANRTVLENLNGTSL
PVLEGQSLCLVCVTHSSPPARLSWTQRGQVLSPSQSPDPGVLELPRVQVEHEGEFTCHARHP
LGSQHVSLSLSVHYKKGLISTAFSNGAFLGIGITALLEFLCLALIIMKILPKRRTQTETPRPR
FSRHSTILDYINVVPTAGPLAQKRNQKATPNSPRTPPPPGAPSPESKKNQKKQYQLPSFPEP
KSSTQAPESQESQEELHYATLNFPGVVRPRPEARMPKGTQADYAEVKFQ

Important features:

Signal peptide:

amino acids 1-15

Transmembrane domain:

amino acids 399-418

N-glycosylation site.

amino acids 100-103, 297-300 and 306-309

Immunoglobulins and major histocompatibility complex proteins signature.

amino acids 365-371

00078265.101503

FIGURE 94

TGAAGAGTAATAGTTGGAATCAAAGAGTCAACGCAATGAACCTGTTATTTACTGCTGCGTTT
 TATGTTGGGAATTCCTCTCCTATGGCCTTGTCTTGGAGCAACAGAAAACTCTCAAAACAAAGA
 AAGTCAAGCAGCCAGTGCATCTCATTGAGAGTGAAGCGTGGCTGGGTGTGGAACCAATTT
 TTTGTACCAGAGGAAATGAATACGACTAGTCATCACATCGGCCAGCTAAGATCTGATTTAGA
 CAATGGAACAATTCITTCAGTACAAGCTTTTGGGAGCTGGAGCTGGAAGTACTTTTATCA
 TTGATGAAAGAACAGGTGACATATATGCCATACAGAAGCTTGATAGAGAGGAGCGATCCCTC
 TACATCTTAAAGAGCCAGGTATAGACATCGCTACTGGAAGGGCTGTGGAACCTGAGTCTGA
 GTTTGTCATCAAAGTTTCGGATATCAATGACAATGAACCAAAATTCCTAGATGAACCTTATG
 AGGCCATTGTACCAGAGATGTTCCAGAAAGGAACATTAGTTATCCAGGTGACAGCAAGTGAT
 GCTGACGATCCCTCAAGTGGTAAATATGCTCGTCTCCTCTACAGCTTACTTCAAGGCCAGCC
 ATATTTTCTGTTGAACCAACACAGGAGTCATAAGAAATATCTCTTCAAAATGGATAGAGAAC
 TGCAAGATGAGTATTGGGTAATCATTCAAGCCAAGGACATGATTGGTCAGCCAGGAGCGTTG
 TCTGGAACAAAGTGATTAATTAATTAACCTTTCAGATGTTAATGACAATAAGCCTATATTTAA
 AGAAAGTTTATACCGCTTGACTGTCTCTGAATCTGCACCCACTGGGACTTCTATAGGAACAA
 TCATGGCATATGATAATGACATAGGAGAGAATGCAGAAATGGATTACAGCATTGAAGAGGAT
 GATTGCGAACAACATTGACATTTATTAATCATGAACTCAAGAAGGAATAGTTATATTAATAA
 AAAGAAAGTGGATTTTGAGCACCAGAACCACTACGGTATTAGAGCAAAAGTTTAAAAACCATC
 ATGTTTCTGAGCAGCTCATGAAGTACCACACTGAGGCTCCACCACTTTCATTAAAGATCCAG
 GTGGAAGATGTTGATGAGCCTCCTCTTTTCCCTCCTTCCATATTATGATTTTGAAGTTTGA
 AGAAACCCACAGGGATCATTGTAGGCGTGGTGTCTGCCACAGACCCAGACAATAGGAAAT
 CTCCTATCAGGTACTTCTATTACTAGGAGCAAAAGTGTCAATATCAATGATAATGGTACAATC
 ACTACAAGTAACCTACCTGGATCGTGAATCGTAGTCTGGTACAACCTAAGTATTACAGCCAC
 AGAAAAATACAATATAGAACAGATCTCTCGATCCCACTGTATGTGCAAGTTCTTAAACATCA
 ATGATCATGCTCCTGAGTTTCTCTCAATACTATGAGACTTATGTTTGTGAAATGCAAGCTCT
 GGTCAAGTAATTGAGACTATCAGTGCAGTGGATAGAGATGAATCCATAGAAGAGCACCATTT
 TTACTTTAATCTATCTGTAGAAGACACTAACAATTCAAGTTTACAATCATAGATAATCAAG
 ATAACACAGCTGTCAATTTGACTAATAGAACTGGTTTAAACCTTCAAGAGAACCTGTCTTC
 TACATCTCCATCTAATTGCCGACAATGGAATCCCGTCACCTACAAGTACAAACACCCCTTAC
 CATCCATGTCTGTGACTGTGGTGACAGTGGGAGCACACAGACCTGCCAGTACCAGGAGCTTG
 TGCTTTCCATGGGATTCAAGACAGAAGTTATCATTGCTATTTCTCATTGTGCATTATGATCATA
 TTTGGGTTTATTTTGTGACTTTGGGTTTAAACCAACGGAGAAAAACAGATCTTATTTCTCTGA
 GAAAAGTGAAGATTTGAGAGAGAATATATTCCAATATGATGATGAAGGGGTGAGGAAGAAG
 ATACAGAGGCCTTTGATATAGCAGAGCTGAGGAGTAGTACCATAATGCGGGAACGCAAGACT
 CGGAAAGCCACAAGCGCTGAGATCAGGAGCCTATACAGGCAGTCTTTGCAAGTTGGCCCCGCA
 CAGTCCATATTACGAGAAATTCATTCTGGAAAGCTCGAAGAAGCTAATACTGATCCCGTGTG
 CCCCTCCTTTGATTCCTCCAGACCTACGCTTTTGGAGGGAACAGGGTCATTAGCTGGATCC
 CTGAGCTCCTTAGAATCAGAGTCTCTGATCAGGATGAAAGCTATGATTACCTTAAATGAGTT
 GGGACCTCGCTTTAAAGATTAGCATGCTGTTTGGTTCCTGCAGTGCAGTCAAAATAATTAGG
 GCTTTTACCATCAAAATTTTAAAGTGTCTAATGTGTATTGCAACCCCAATGGTATGCTTAA
 AGATTTTGTGCTCCTGGCTCTATGGCGGGGAAAGCCCTAGTCTCTATGAGTTTCTGATTTCC
 CTGGAGTAAATACTCCATGGTTATTTTAAAGTACCTACATGCTGTCTATTGAACAGAGATGTG
 GGGAGAAATGTAAACCAATCAGCTCACAGGCATCAATACAACAGGATTTGAAGTAAATAATG
 TAGGAAGATATTAAAGTATGATGAGAGGACACAAGATGTAGTGCATCCTTATGCGATTATAT
 CATTATTTACTTAGGAAGAGTAAAAATACCAACAGAGAAATTTAAAGGAGCAAAATTTG
 CAAGTCAAAATGAAATGTACAAATCGAGATAACATTTACATTTCTATATTGACATGAA
 ATTGAAATGTATAGTCAGAGAAATTTTCATGAATTATTCATGAAGTATTTTCCCTTTAT
 TTAAT

09978295.101501

FIGURE 95

></usr/seqdb2/sst/DNA/Dnaseqs.min/ss.DNA53906
><subunit 1 of 1, 772 aa, 1 stop
><MW: 87002, pI: 4.64, NX(S/T): 8
MNCYLLLRFMLGIPLLWPCLGATENSQTKKVKQPVRSHLRVKRGWVWNQFFVPEEMNTTSHH
IGQLRSDDLNDGNNFSQYKLLGAGAGSTFIIDERTGDIYAIQKLDREERSLYILRAQVIDIAT
GRAVEPESEFVIKVS DINDNEPKFLDEPYEAIVPEMSPEGTLVIQVTASDADDPSSGNNARL
LYSL LQGQPYFSVEPTTG VIRISSKMDRELQDEYVWIIQAKDMIGQPGALSGTTSVLIKLSD
VNDNKPIFKESLYRLTVSESAPTGT SIGTIMAYDNDIGENAEMDYSIEEDDSQTFDIITNHE
TQEGIVILKKKVD FEHQNHYGIRAKVKNHHVPEQLMKYHTEASTTFIKIQVEDVDEPPLFLL
PYVVFVFEET PQGSFVGVSATDPDNRKSPIRYSITRSKVFNINDNGTITTSNSLDREISA
WYNSLITATEKYNI EQISSIPLYVQVLNINDHAPEFSQYYETVVCENAGSGQVIQTISAVDR
DESIEEHFYPNLSVEDTNNSSFTIIDNQNTAVILTNRTGFNLQEEPVFYISILIADNGIP
SLTSTNTLTITHVCDCGDSGSTQTCQYQELVLSMGFKTEVIIAILICIMII FGFIFLTLGLKQ
RRKQILFPEKSEDFRENI FQYDDEGGGEEDTEAFDIAELRSTIMRERKTRKTTSAEIRSLY
RQSLQVGPDSAIFRKFILEKLEEANTDPCAPPFDSLQTYAFEGTGLAGSLSSLESASVSDQD
ESYDYLNELGPRFKRLACMFGSAVQSNN

Important features:

Signal peptide:

amino acids 1-21

Transmembrane domain:

amino acids 597-617

N-glycosylation sites.

amino acids 57-60, 74-77, 419-423, 437-440, 508-511, 515-518,
516-519 and 534-537

Cadherins extracellular repeated domain signature.

amino acids 136-146 and 244-254